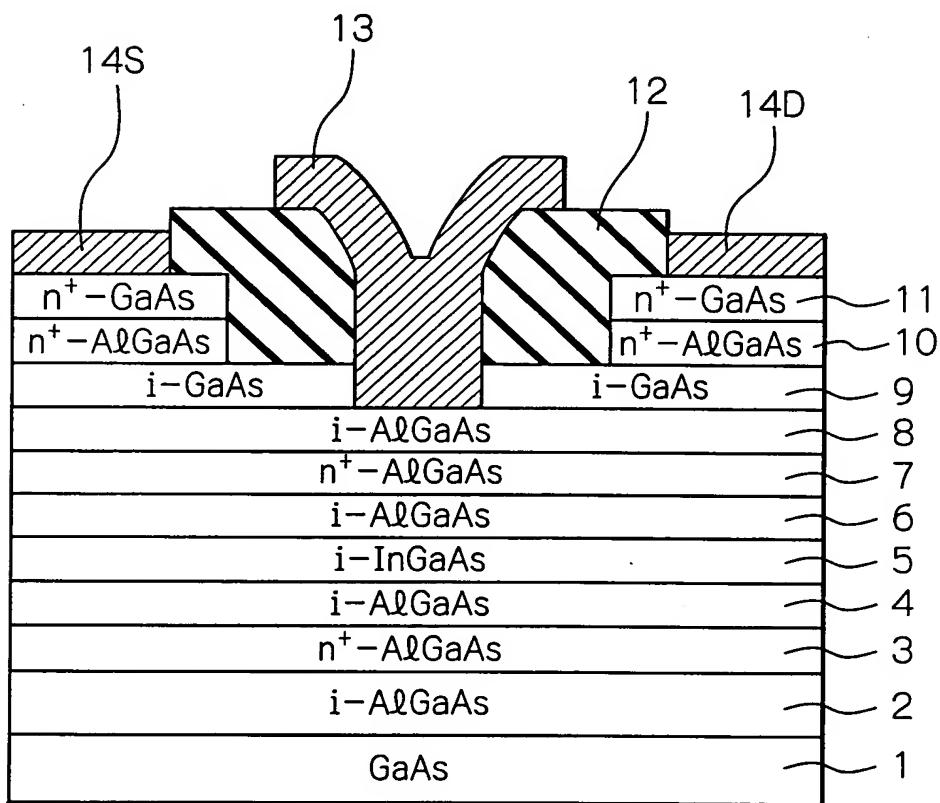
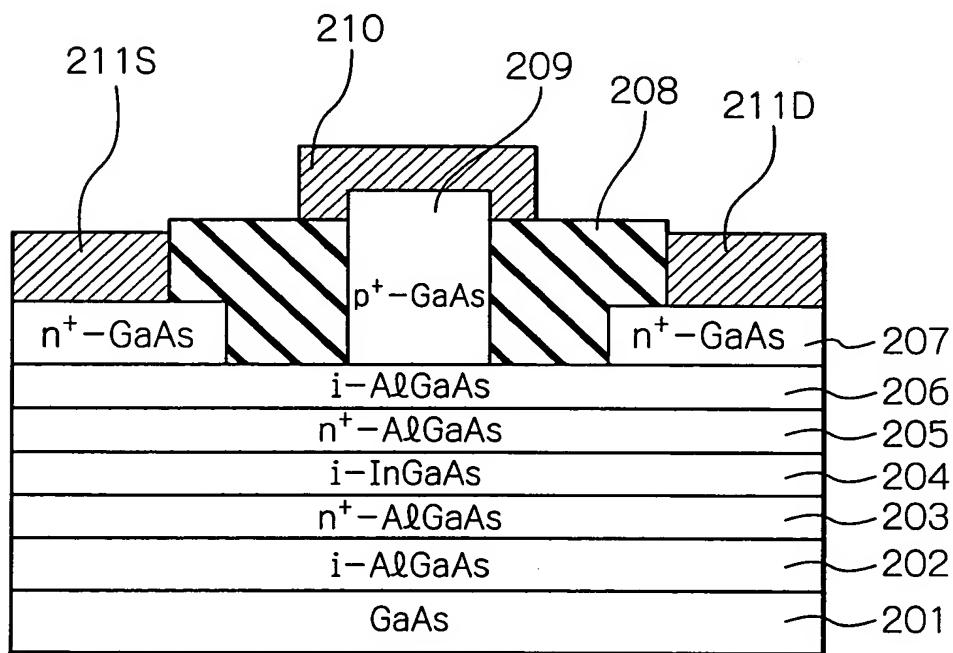


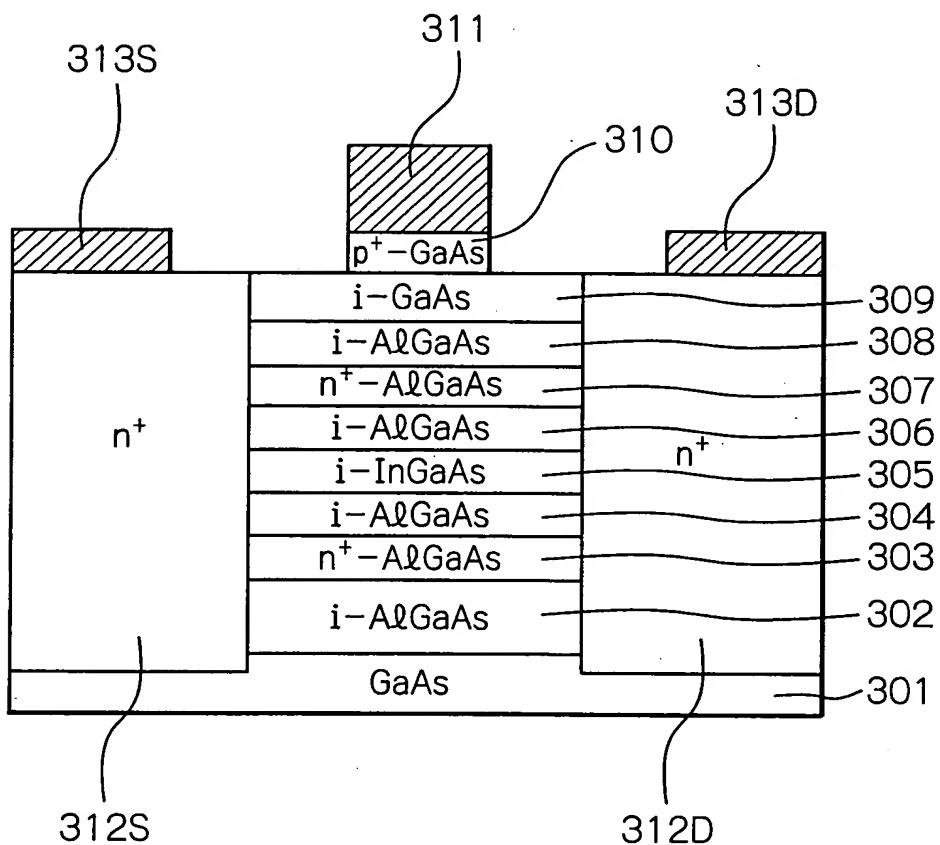
*Fig. 1* PRIOR ART



*Fig. 2* PRIOR ART

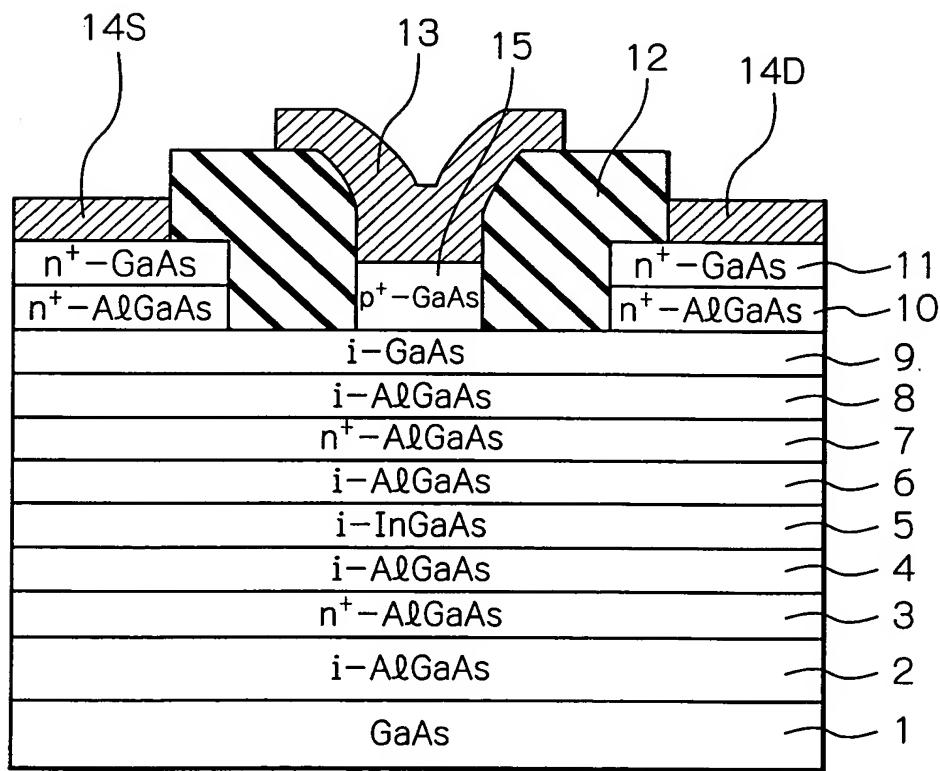


*Fig. 3* PRIOR ART



4/  
26

Fig. 4

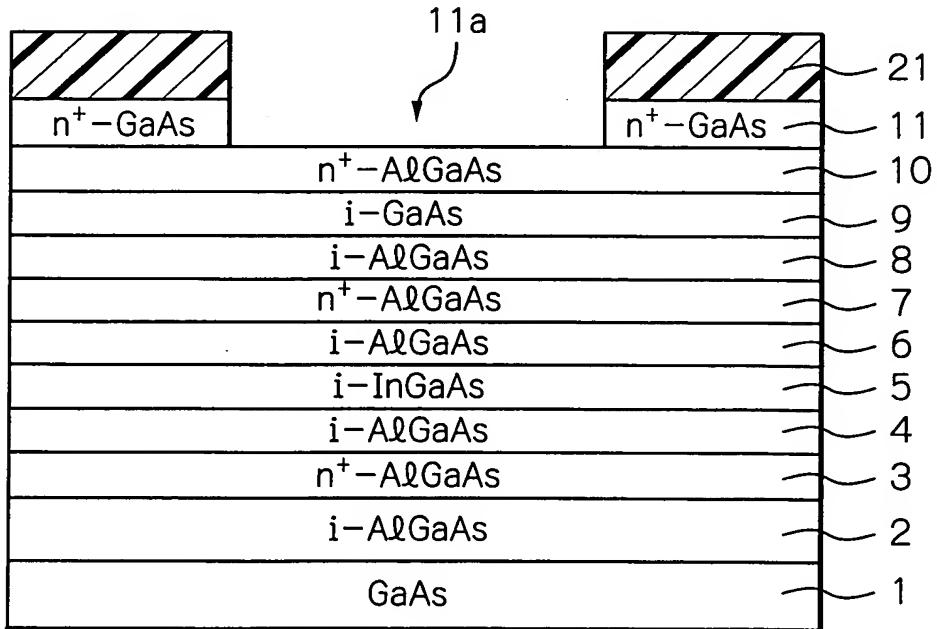


5/  
26

Fig. 5A

$n^+$ -GaAs	11
$n^+$ -AlGaAs	10
i-GaAs	9
i-AlGaAs	8
$n^+$ -AlGaAs	7
i-AlGaAs	6
i-InGaAs	5
i-AlGaAs	4
$n^+$ -AlGaAs	3
i-AlGaAs	2
GaAs	1

Fig. 5B



$n^+$ -GaAs	21
$n^+$ -AlGaAs	11
i-GaAs	10
i-AlGaAs	9
$n^+$ -AlGaAs	8
i-AlGaAs	7
i-InGaAs	6
i-AlGaAs	5
$n^+$ -AlGaAs	4
i-AlGaAs	3
i-AlGaAs	2
GaAs	1

6/26

Fig. 5C

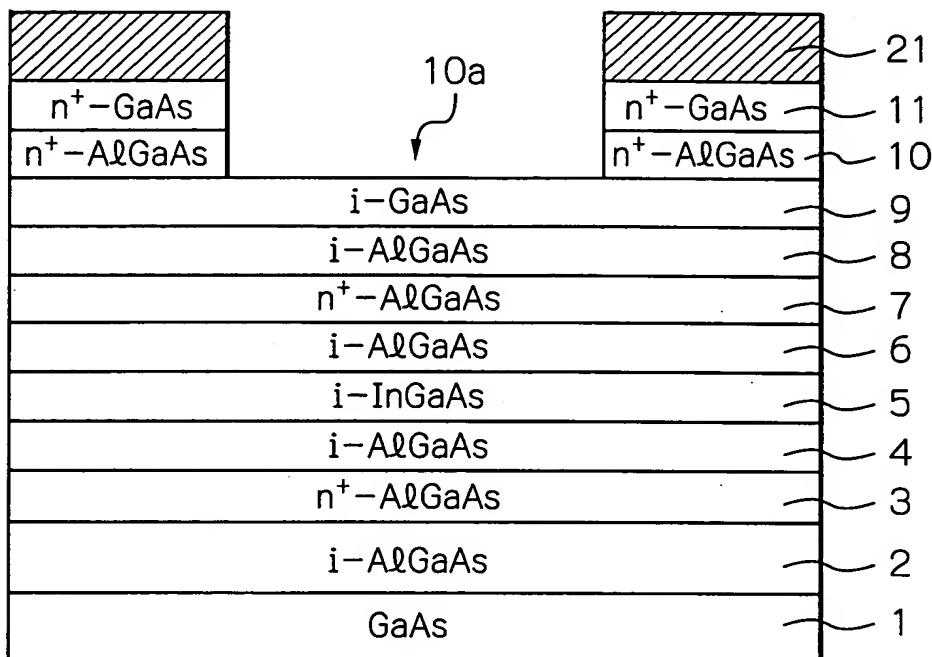
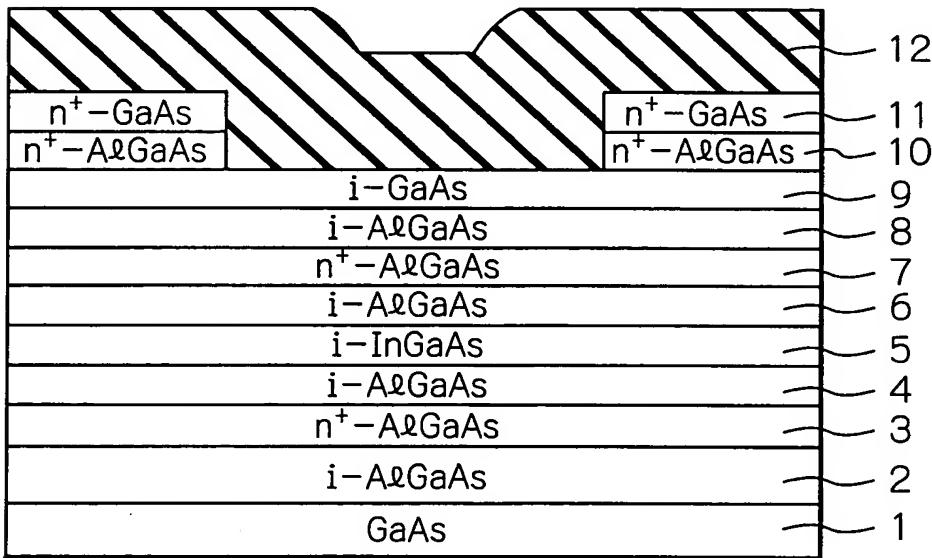


Fig. 5D



7/  
26

Fig. 5E

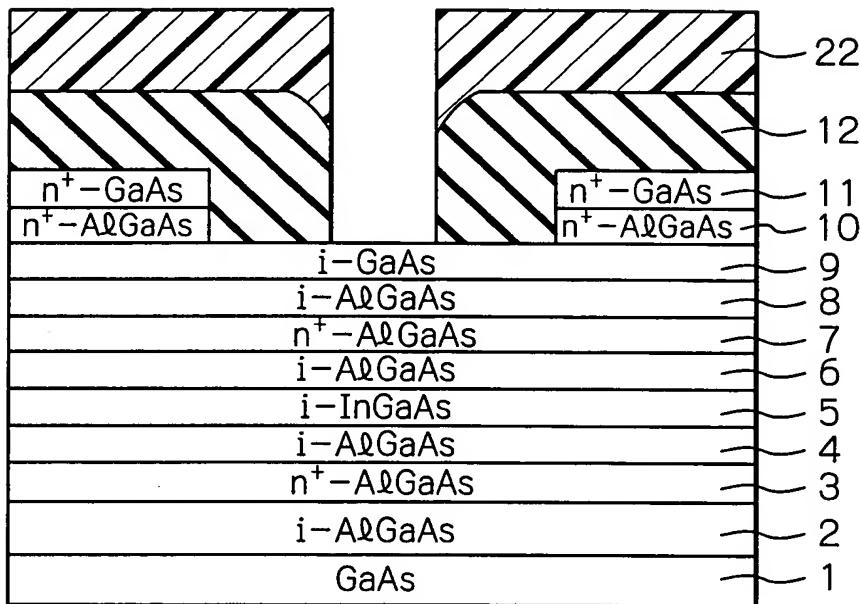
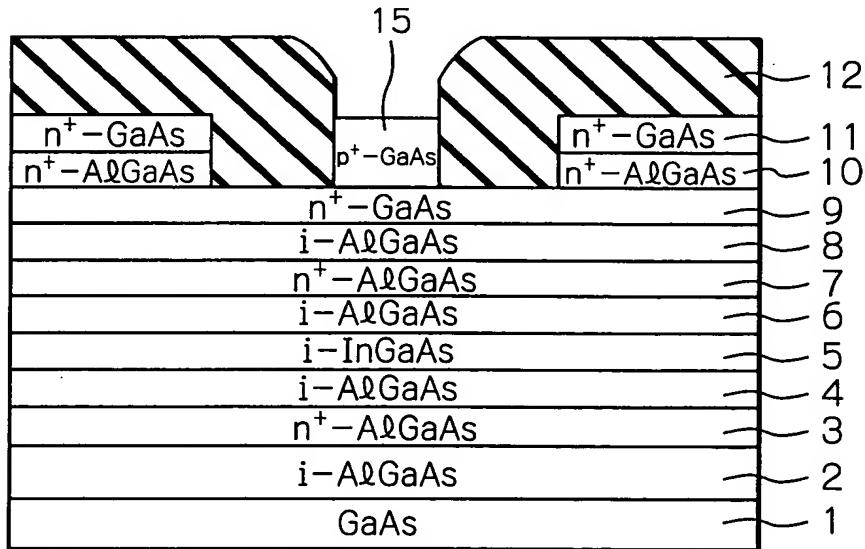


Fig. 5F



8/  
26

Fig. 5G

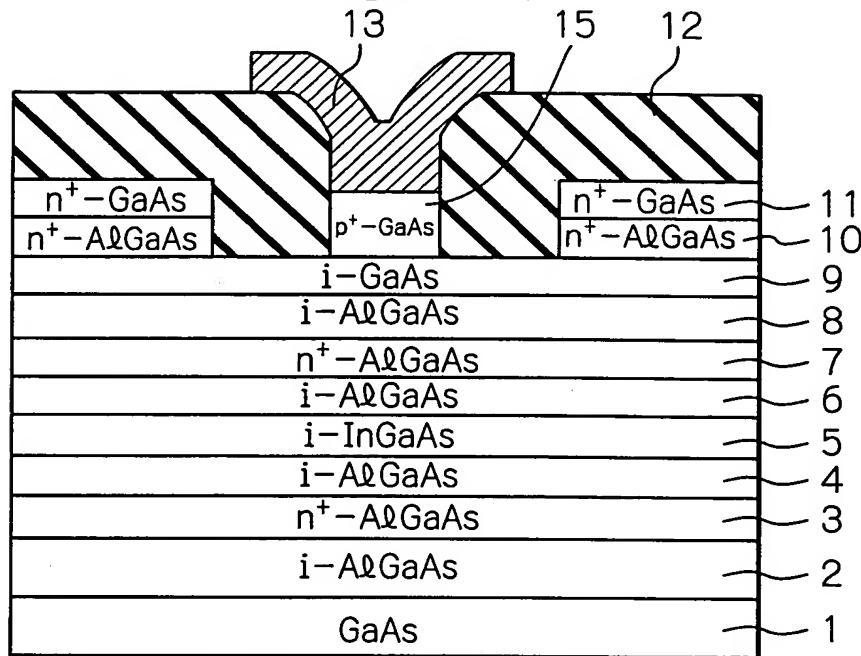
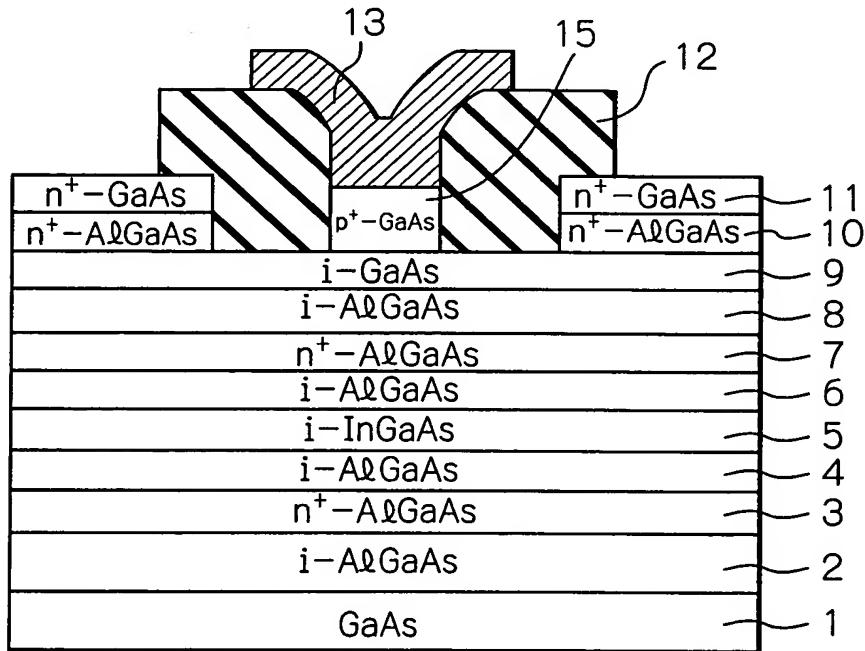
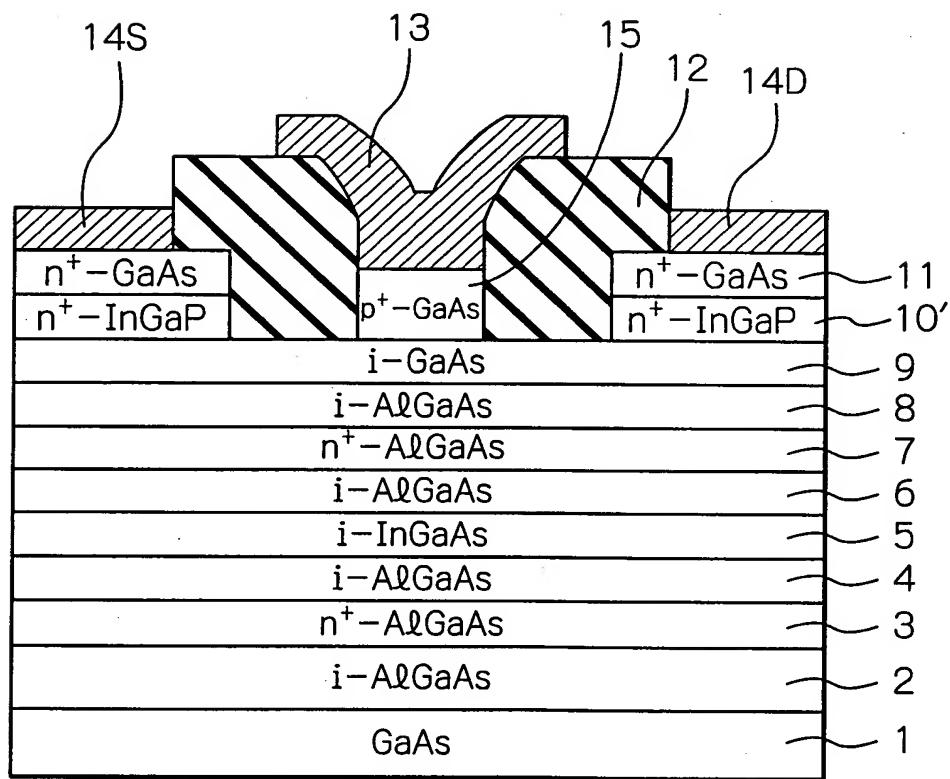


Fig. 5H



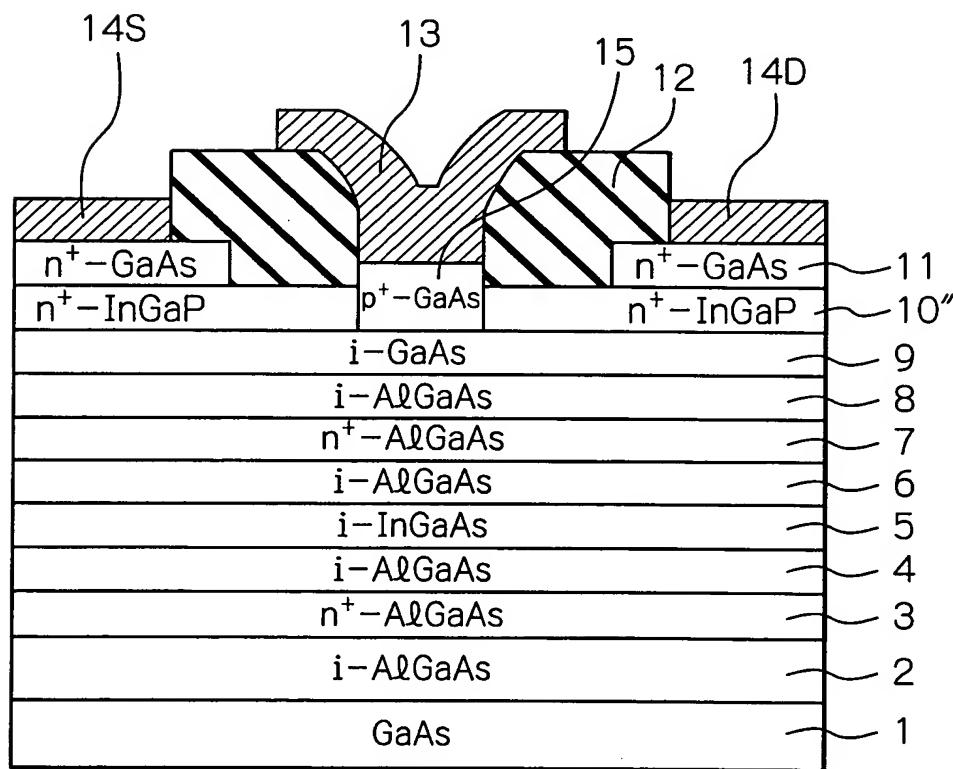
9/  
26

Fig. 6



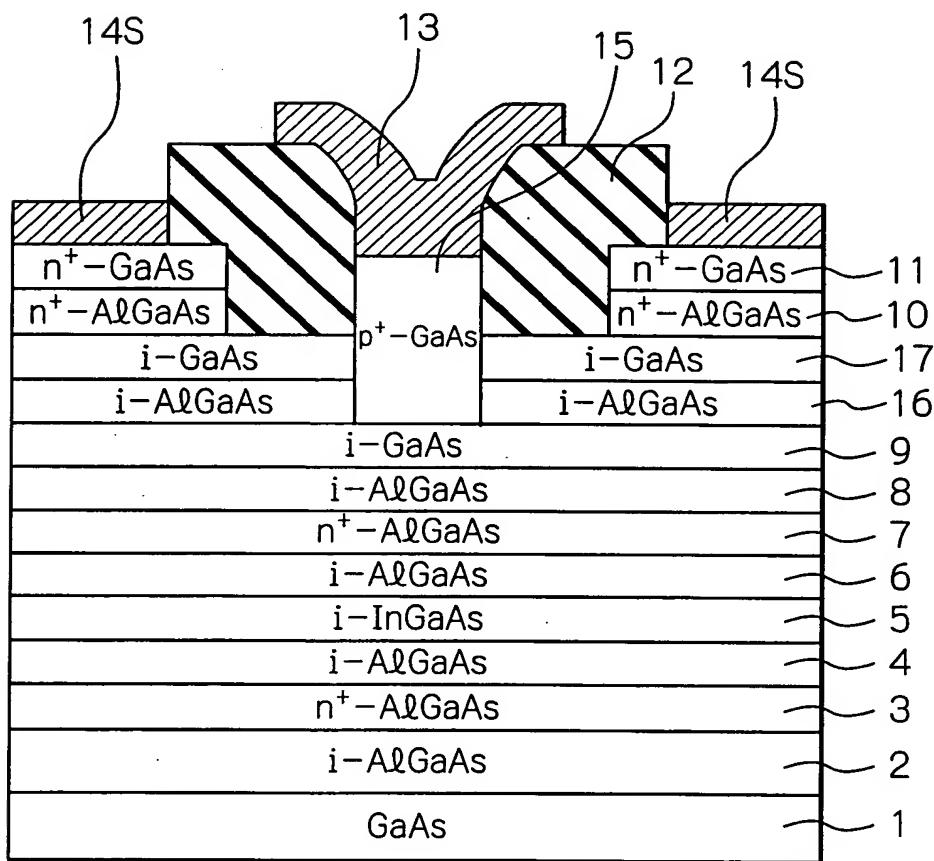
10/  
26

*Fig. 7*



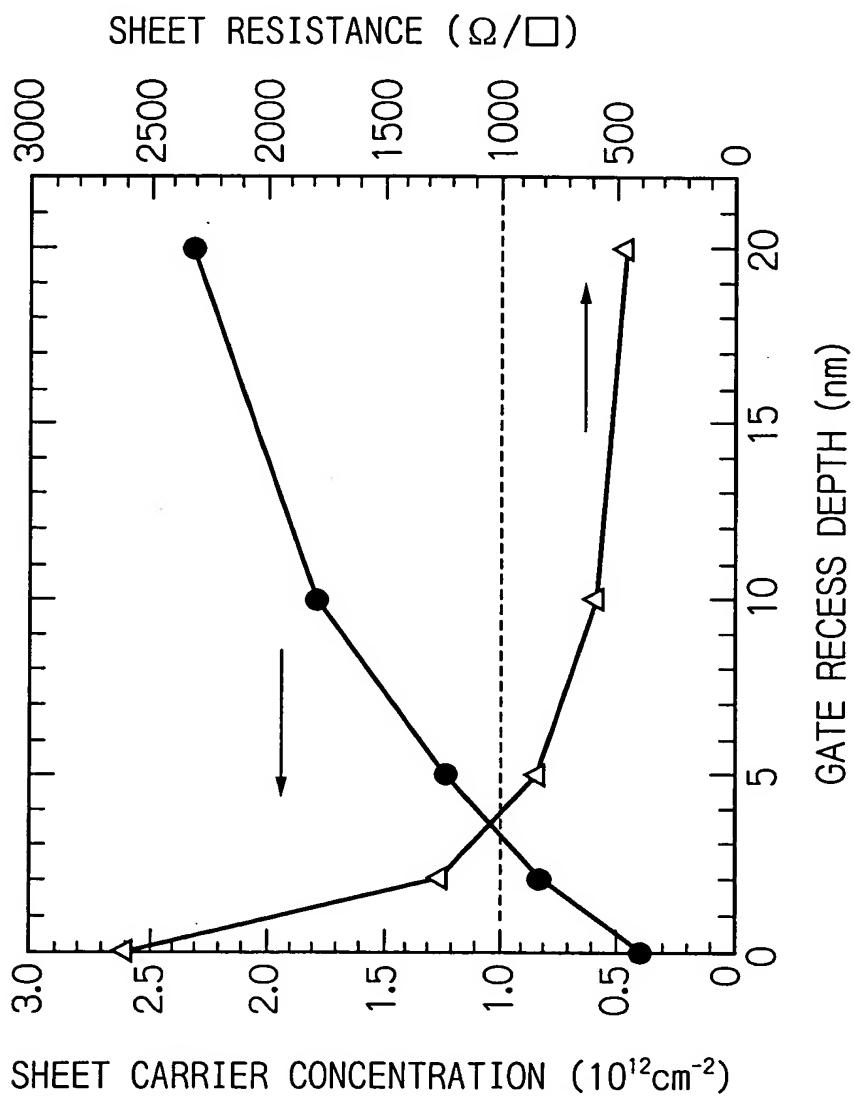
11/26

Fig. 8



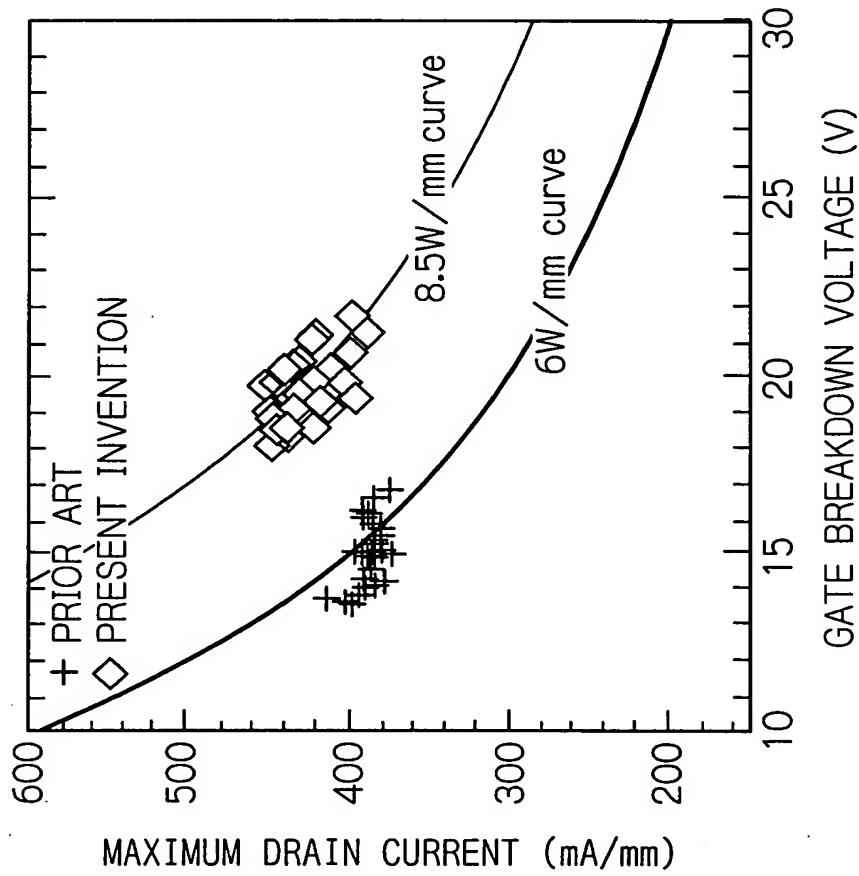
12  
/ 26

Fig. 9A



13  
/ 26

Fig. 9B

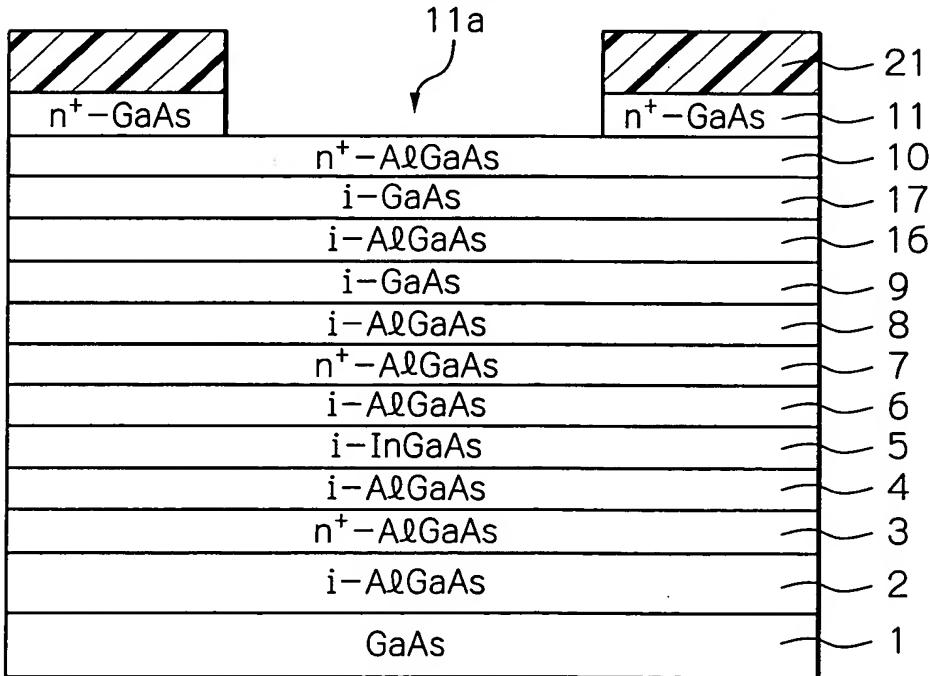


14/  
25

Fig. 10A

$n^+$ -GaAs	11
$n^+$ -AlGaAs	10
i-GaAs	17
i-AlGaAs	16
i-GaAs	9
i-AlGaAs	8
$n^+$ -AlGaAs	7
i-AlGaAs	6
i-InGaAs	5
i-AlGaAs	4
$n^+$ -AlGaAs	3
i-AlGaAs	2
GaAs	1

Fig. 10B



$n^+$ -GaAs	21
$n^+$ -AlGaAs	11
i-GaAs	10
i-AlGaAs	17
i-GaAs	16
i-AlGaAs	9
$n^+$ -AlGaAs	8
i-AlGaAs	7
i-InGaAs	6
i-AlGaAs	5
$n^+$ -AlGaAs	4
i-AlGaAs	3
GaAs	2
	1

15/  
26

Fig. 10C

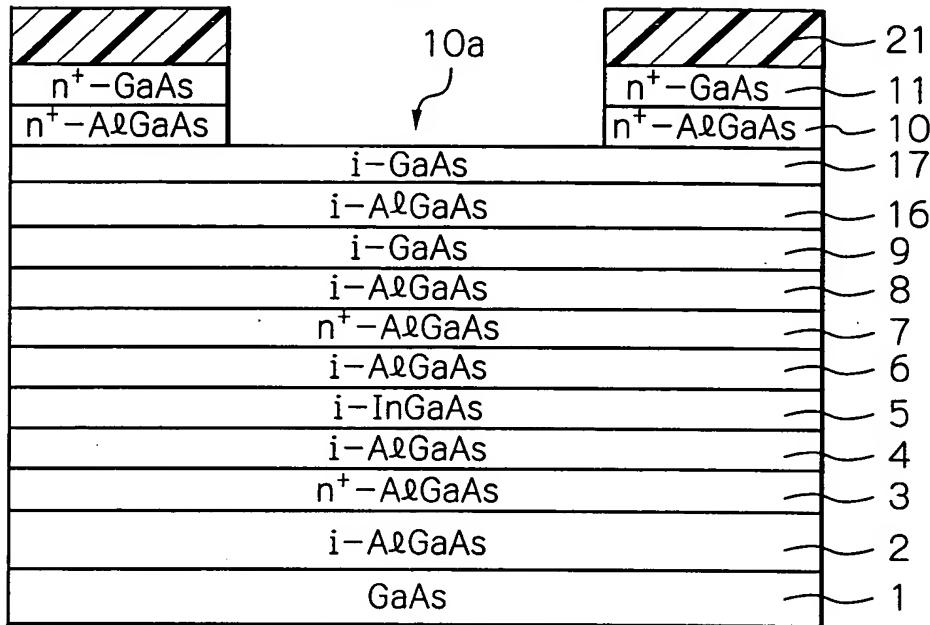
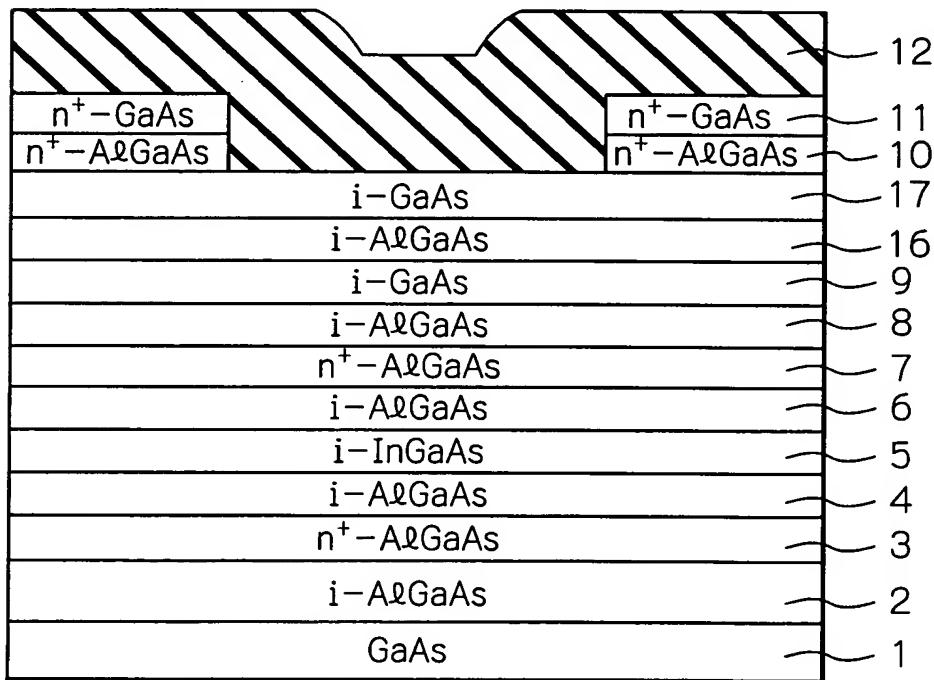


Fig. 10D



16/  
26

Fig. 10E

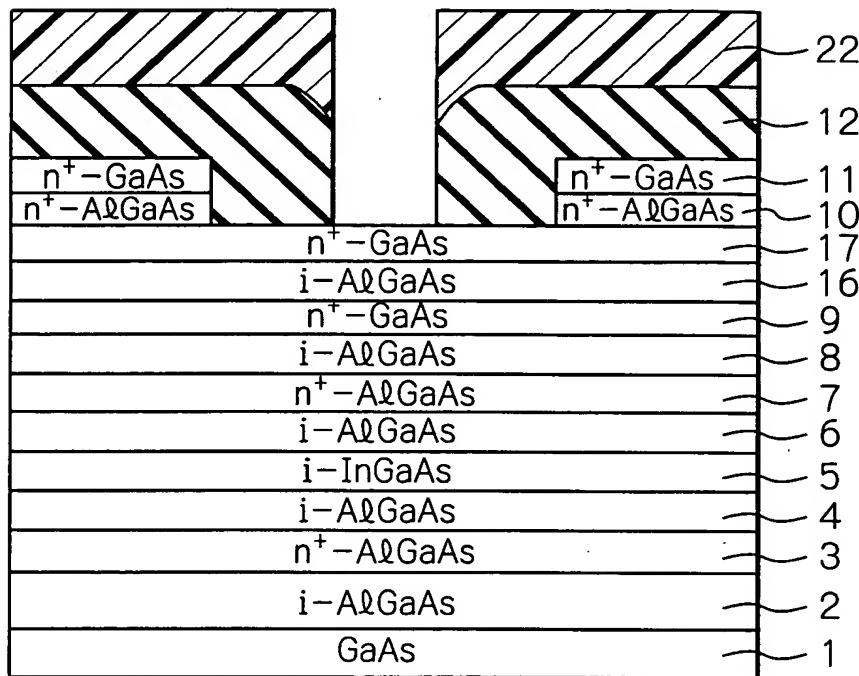
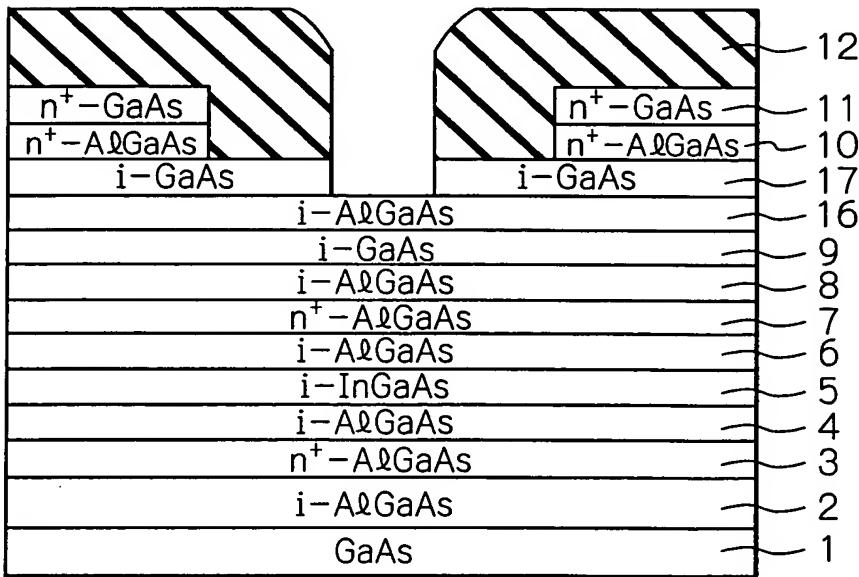


Fig. 10F



17/  
26

Fig. 10G

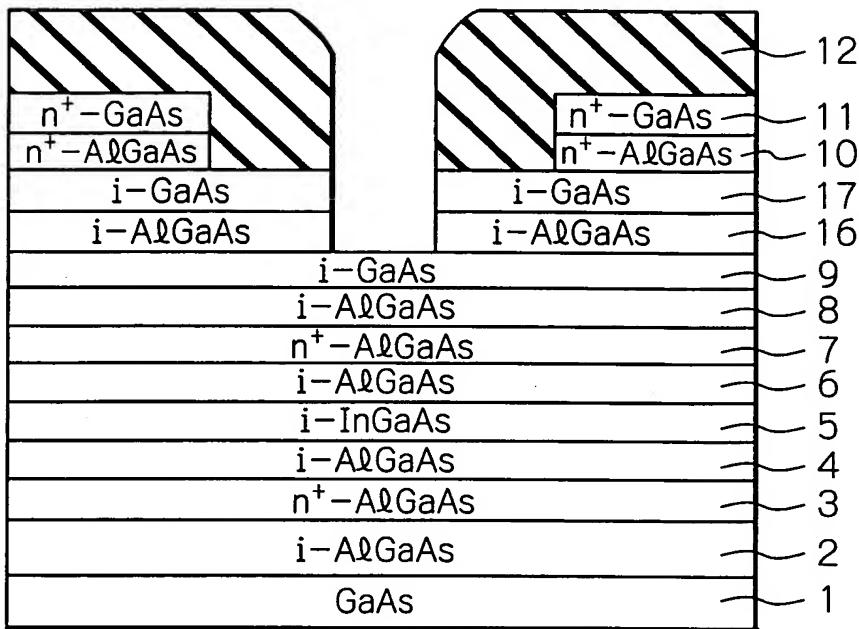
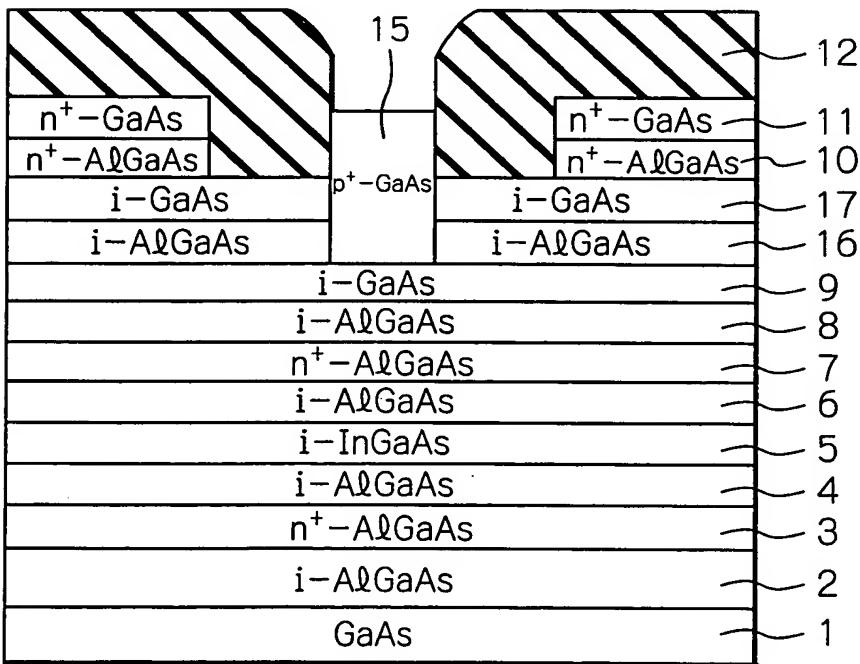


Fig. 10H



18/  
26

Fig. 10I

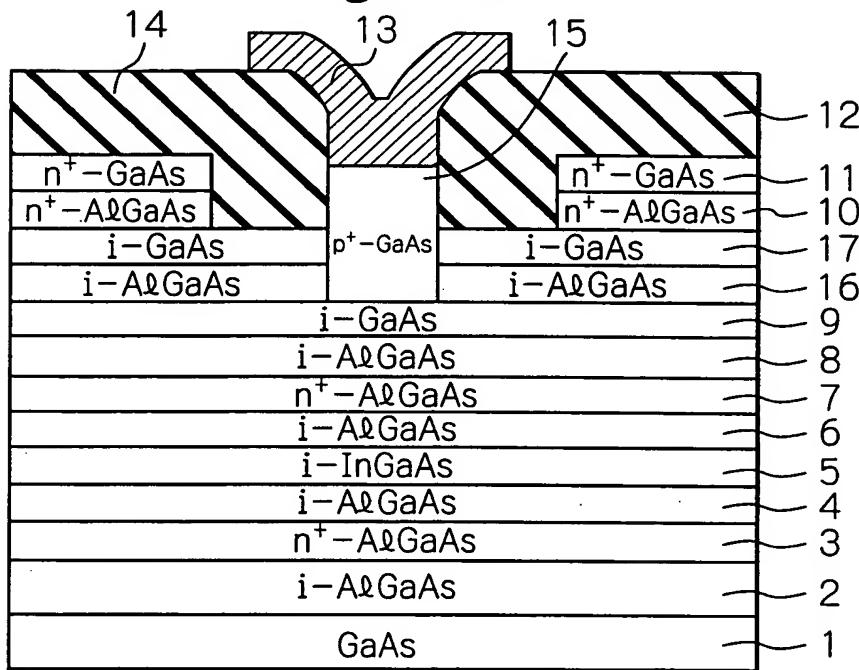


Fig. 10J

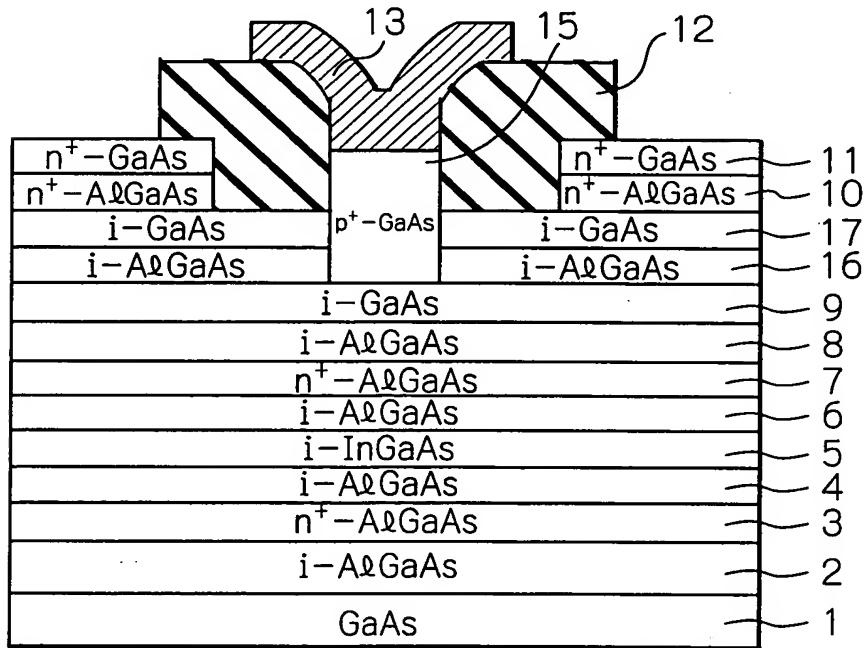
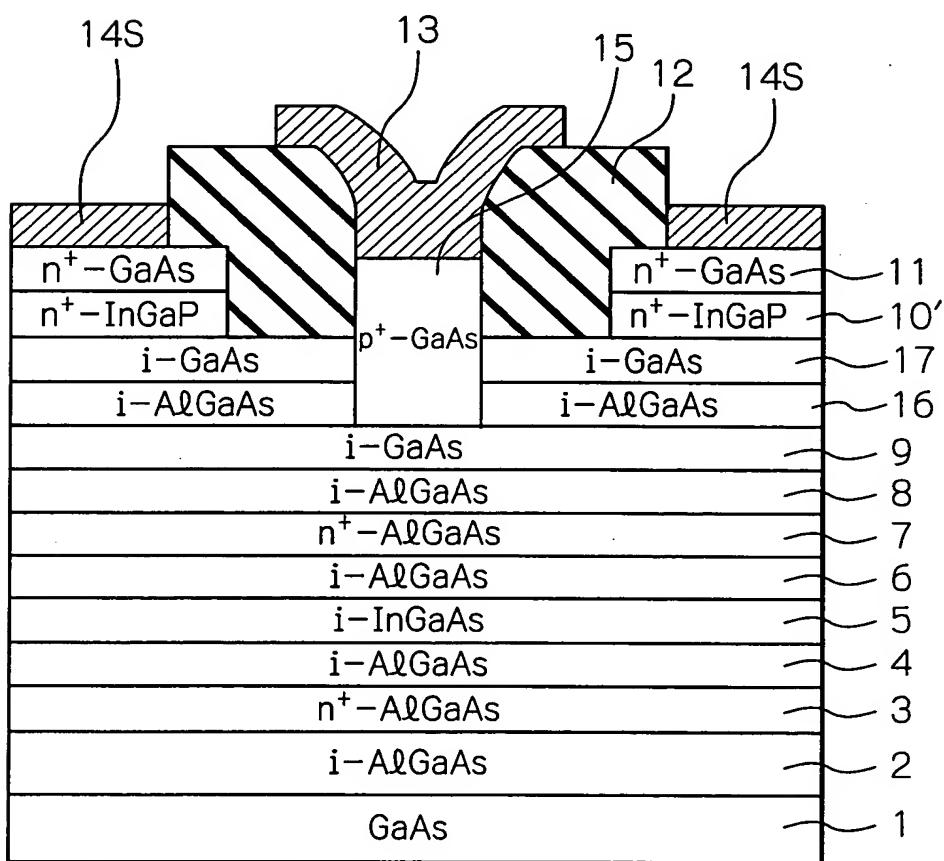


Fig. 11



20/  
26

Fig. 12

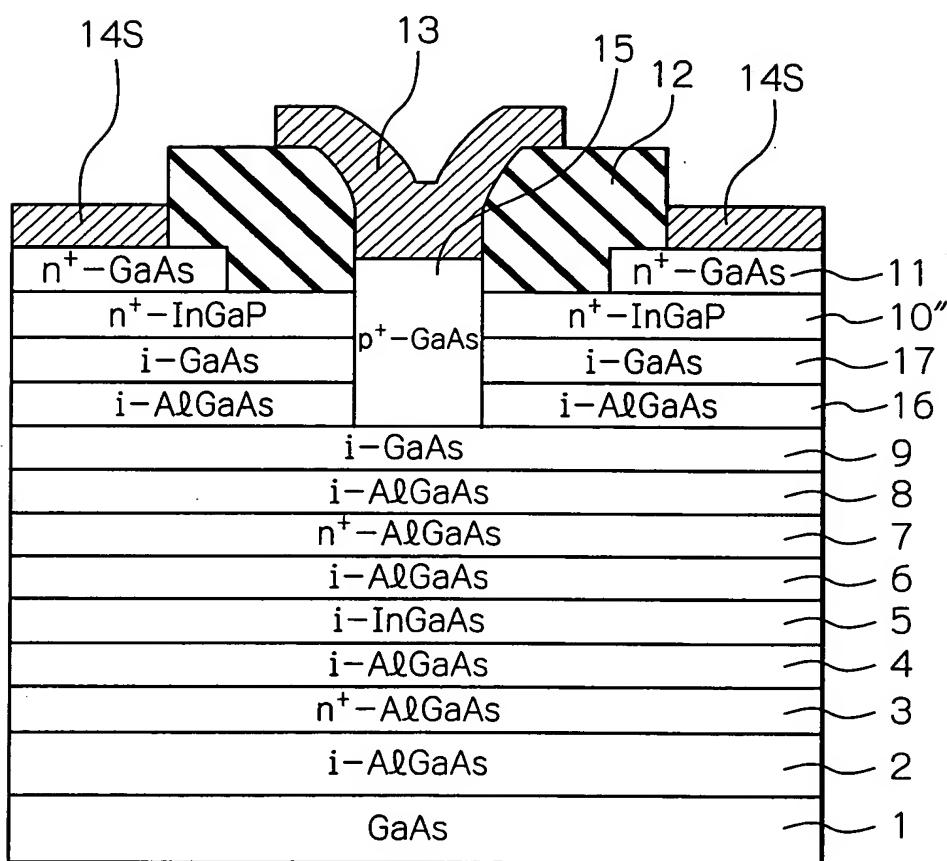


Fig. 13

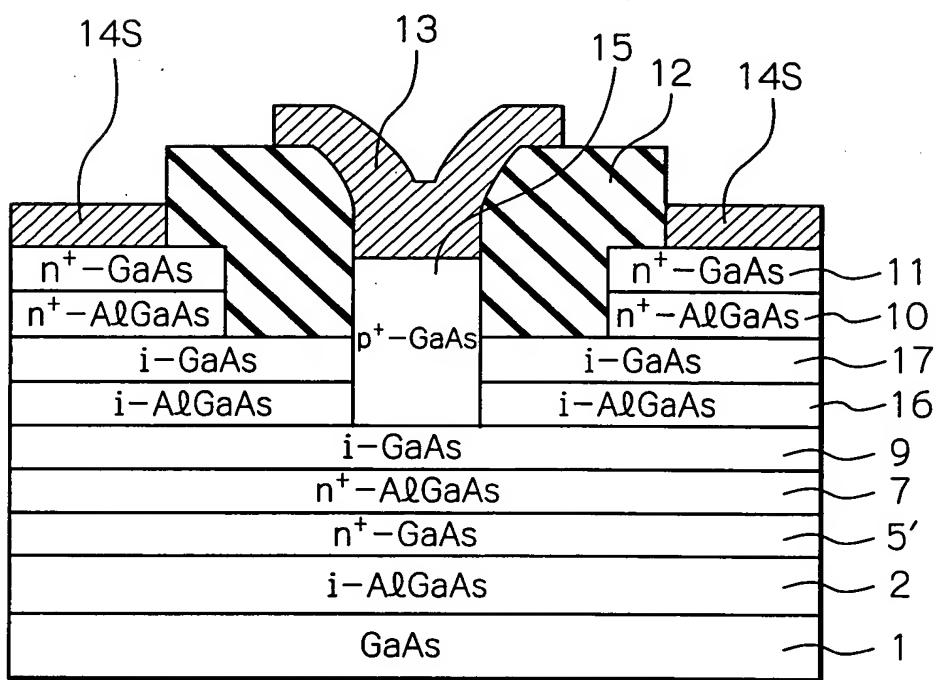


Fig. 14

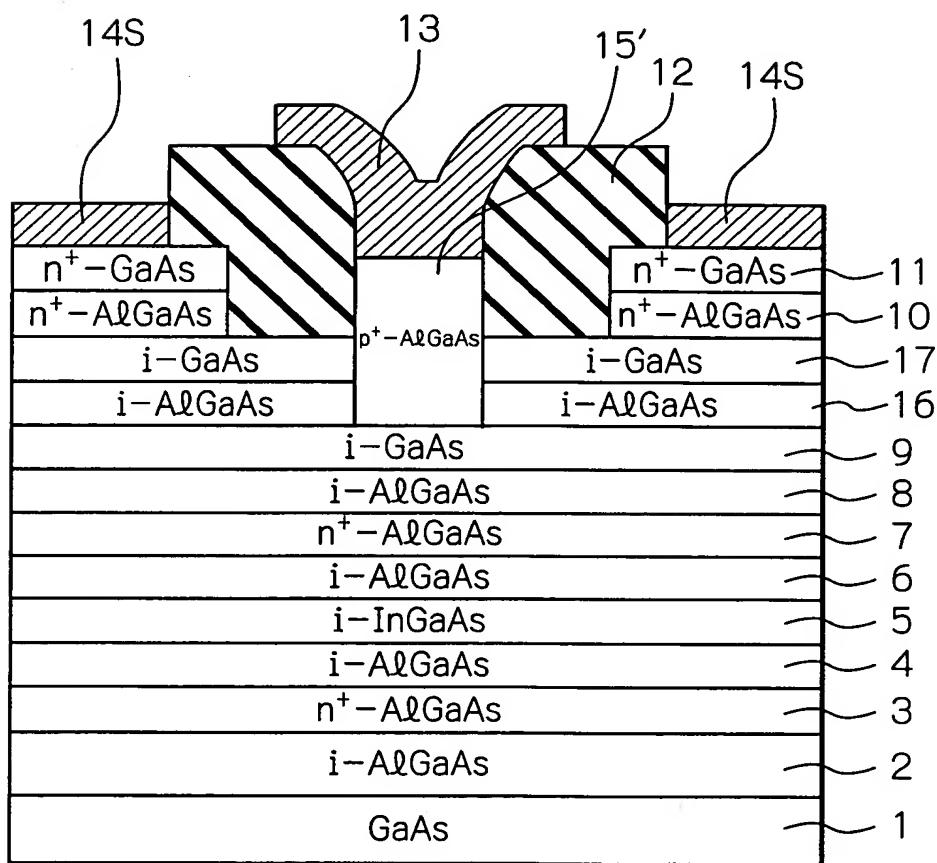


Fig. 15

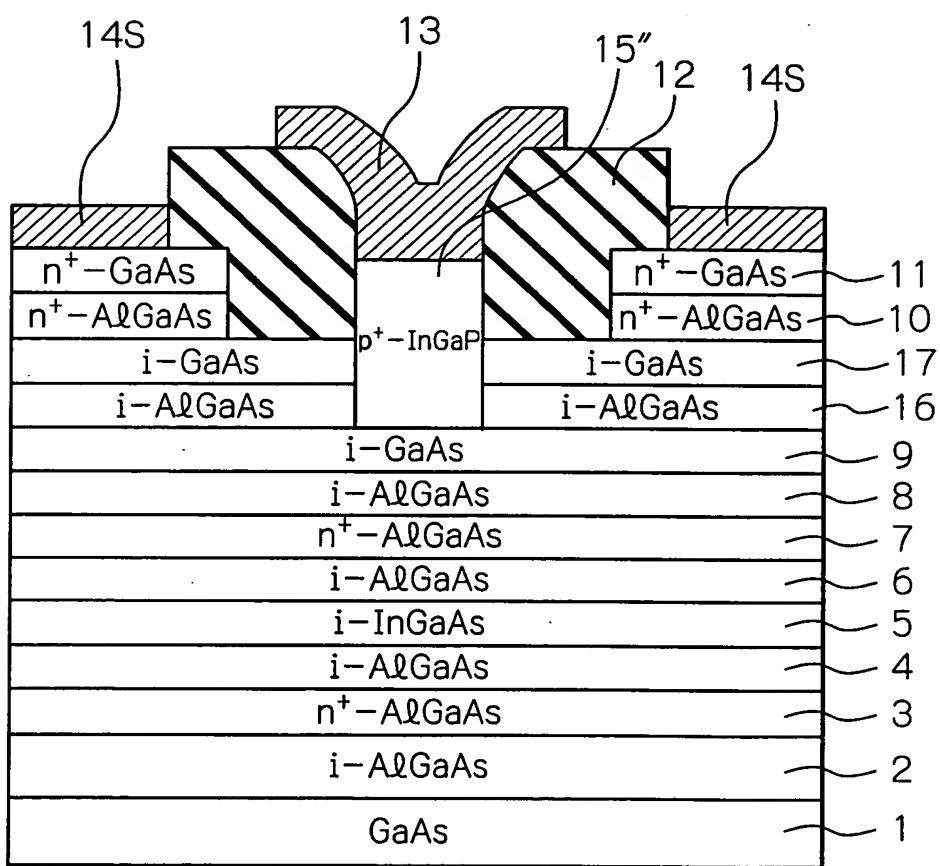


Fig. 16

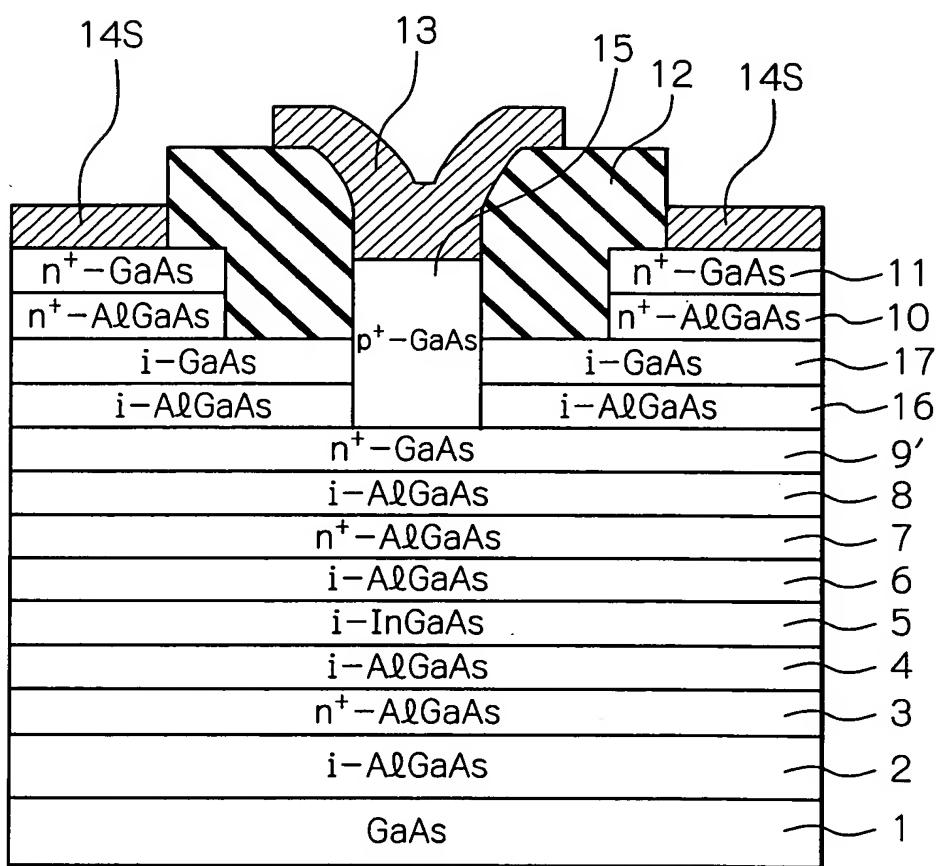


Fig. 17

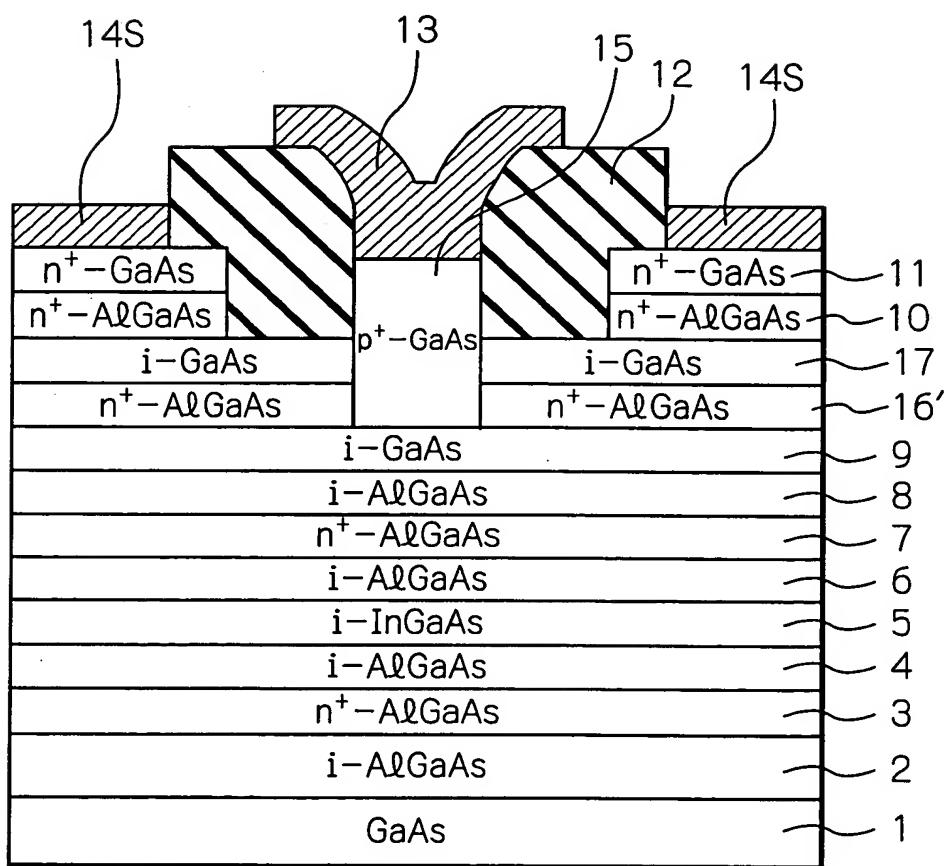


Fig. 18

